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PATENTS

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

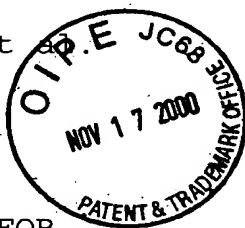
In re application of

James Anthony HORNE et al

Serial No. 09/341,093

Filed August 24, 1999

SLEEPINESS DETECTION FOR
VEHICLE DRIVER OR MACHINE
OPERATOR



GROUP 2736

Examiner T. Mullen

AMENDMENT

Commissioner for Patents

Washington, D.C. 20231

Sir:

Responsive to the Official Action of August 18, 2000, please amend the above-identified application as follows:

IN THE ABSTRACT:

Insert the Abstract of the Disclosure as on the accompanying separate sheet.

IN THE CLAIMS:

Cancel claims 1-8.

Cancel claim 10.

Add the following new claims:

1. A sleepiness monitor for a vehicle driver, or machine operator, comprising:

a sensor for sensing a driver or operator control input;

a memory for storing an operational model that includes a physiological reference model of driver or operator

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